

NEWS LETTER

Society of American Bacteriologists

OFFICE OF THE
SECRETARY-TREASURER

STERLING-WINTHROP RESEARCH INSTITUTE
RENSSELAER, N. Y.

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1956 OFFICERS AND COUNCILORS

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W. J. Cromartie, Chapel Hill, North Carolina	<i>North Carolina</i>
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J. H. Hanks, Boston, Mass.	<i>Northeast</i>
L. D. S. Smith, Bozeman, Montana	<i>Northwest</i>
Isaac Ruchman, Cincinnati, Ohio	<i>Ohio</i>
N. B. Williams, Philadelphia, Pennsylvania	<i>Eastern Pennsylvania</i>
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Hilary Koprowski, Pearl River, N. Y.	<i>U. S. A. representative to Rio Branch</i>
A. R. Colmer, Baton Rouge, Louisiana	<i>South Central</i>
Mildred B. Jefferies, Jacksonville, Florida	<i>Southeastern</i>
V. T. Schuhardt, Austin, Texas	<i>Texas</i>
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Margaret Pittman, Bethesda, Maryland	<i>Washington, D. C.</i>

Council Policy Committee:

C. A. Stuart, <i>Chairman</i>	J. H. Bailey, <i>Secretary</i>	
H. O. Halvorson	P. W. Wilson	J. R. Porter
J. E. Blair (1956)	Richard Donovick (1957)	K. B. Raper (1958)

Invited Members (Nonvoting):

J. R. Porter, Editor-in-Chief, THE JOURNAL OF BACTERIOLOGY; P. W. Wilson, Editor-in-Chief, BACTERIOLOGICAL REVIEWS; H. B. Woodruff, Editor-in-Chief, APPLIED MICROBIOLOGY; Orville Wyss, Chairman of the Program Committee; B. W. Catlin, Chairman of the Division of General Bacteriology; Stanley Marcus, Chairman of the Division of Medical Bacteriology, Immunology and Comparative Pathology; James Roberts, Chairman of the Division of Agricultural and Industrial Bacteriology; J. J. R. Campbell, Chairman of the Division of Physiology.

FIFTY-SIXTH GENERAL MEETING, SOCIETY OF AMERICAN BACTERIOLOGISTS

Shamrock-Hilton Hotel, Houston, Texas

April 29 through May 3, 1956

The Texas Branch welcomes the opportunity of being host to the Society of American Bacteriologists at Houston, April 29 through May 3, 1956. We sincerely hope the members will plan to attend this annual meeting in full force as it is the first to be held in the Southwest and we feel that a trip to Texas in the spring time is worthy of anyone's consideration!

The headquarters for the meeting will be the Shamrock-Hilton Hotel, where adequate facilities for scientific sessions, visiting, socials, exhibits, and official functions will be available. Hotel reservations will be available for all those who wish to attend the meeting. Individuals making reservations early will be accommodated at the headquarters hotel. Later reservations will be made at the Rice Hotel, with direct bus service to the headquarters hotel. For your convenience a post-paid hotel reservation card is enclosed with this issue of the news letter; this card should be returned directly to the Shamrock-Hilton Hotel. The number of single rooms is limited and it is urged that you share accommodations with one or more colleagues if possible. As required by state laws, separate accommodations for our negro members will be provided, and the reservations for these housing accommodations should be addressed to the Reservations Chairman, Dr. C. D. Dukes, Baylor University College of Medicine, Houston.

For those who plan to travel to Houston by automobile, there are a large number of motels within a two mile radius of the headquarters hotel. These motels range from moderate to luxurious; most have swimming pools, room service, gratis morning coffee, convenient restaurants, and lower prices than comparable accommodations in the local hotels. All who can travel by car are urged to do so, as they will find the weather pleasant, the spring flowers in full bloom, and many interesting things to see in and about the city. The reservation requests for the motels should be sent directly to the Reservations Chairman, stating the type of room and price range desired, and arrival and departure times.

Accommodations for graduate students will be available at \$2.50 per night within one block of the headquarters hotel. Certification from the student's professor must be sent to the Reservations Chairman, who will then make the reservation.

The Registration Committee for the Houston meeting is attempting an innovation in the usual registration procedure—a preregistration plan. Such a system has been used with success by other national societies to eliminate long registration lines. If the SAB members will cooperate, the com-

mittee feels that the plan will be just as successful for us. The plan is as follows:

1. SAB members are to fill in the enclosed post card and mail it as soon as they are reasonably sure of attending the meeting. (*Important*—please notify the Registration committee if your plans change.)
2. Registration badge and card will be typed out before the meeting dates, placed in an envelope and filed.
3. A special desk for preregistration will be set up. All a preregistrant needs to do is give his name to a file clerk, state his place of residence while in Houston, and pay the appropriate registration fee.
4. A desk will also be provided for regular registrants who will be handled in the usual manner.

As an added inducement to use of preregistration, the committee will keep the preregistration desk open until 11:00 P.M. Sunday evening. The desks will be open at the following times:

	Preregistration	Registration
Sunday, April 29	1-5 PM & 7-11 PM	1-5 PM
Monday, April 30	8-12 AM & 1-5 PM	8-12 AM & 1-5 PM
through		
Wednesday, May 2		
Thursday, May 3	8-12 AM	8-12 AM

Registration fees for the Houston meeting will be:

Members.....	\$5.00
Non Members.....	\$6.00
Students.....	\$1.00
(Students must have a certifying letter from their professor.)	
Visiting wives or husbands.....	No charge

A meeting of the Society Council is scheduled for Sunday, April 29th, and this will be followed by the usual Council dinner. The first General session will be held Sunday evening and will feature an outstanding speaker from the Southwest. Following the general session, a smoker will be held in the Emerald Room of the Shamrock-Hilton Hotel.

Scientific sessions will start Monday, April 30, and continue through May 3, and will be held in the various rooms of the headquarters hotel. Plans are being made for a number of interesting symposia on subjects of outstanding interest. Those scheduled so far include a symposium on "Petroleum Microbiology", one on "Teaching of Microbiology", and one on "Isolation, Identification and

Pathogenic Potentials of Medical Enterobacteriaceae".

The opportunity for Round Table discussions will be continued at the Houston meeting and suitable rooms for this purpose will be provided throughout the sessions. Those wishing to organize such discussions should write Dr. Paul Donaldson, University of Texas Southwestern Medical School, Dallas 19, Texas, who will assign a time and a room. Such arrangements should be made prior to January 15th for satisfactory scheduling and for listing in the printed program.

Members interested in organizing special meals for alumni or other groups for the 1956 meeting are invited to submit requests as early as possible to the Chairman of Special Meals, Dr. C. E. Lankford, University of Texas, Austin. Information as to date, time and place is required by January 15, 1956, for inclusion in the program. Tentative prices for special meals (including gratuities) served at the Shamrock-Hilton Hotel are: breakfasts, \$2.90 and \$2.35 (served buffet style); luncheons, \$3.50; and dinners \$5.75. Arrangements may also be made for special meals at restaurants near the hotel.

For an evening of Western food and fun, don't forget the President's Reception at the Rocking R Ranch on Wednesday evening, May 2nd. Buses will leave the Shamrock-Hilton Hotel at 5:00 P.M. A buffet supper will be served beginning at 6:30 P.M. and beer, lemonade, soda, etc., will be served throughout the evening. Entertainment will consist of a rodeo performance, western music and square dancing, both exhibition and participation. Return buses will depart no later than 11:00 P.M.

The hospitality activities for the visiting wives will be in charge of Mrs. K. L. Burdon of Houston. The scientific tours will be closely correlated with the visiting wives' activities. Members wishing to participate in any of the tours may make arrangements and pick up tickets at the ticket desk. Present plans include the following tours:

1. Boat tour of the Houston ship channel
2. Bus tour of the City of Houston
3. Tour of the Imperial Sugar Company, Sugarland, Texas
4. Tour of the Medical Center in Houston
5. Tour of the Humble Oil and Refining Company Research Laboratory
6. Tour of the Shell Oil Company Research Laboratory
7. Tour of the Grand Prize Brewery

The technical and scientific exhibits will be shown in the Hall of Exhibits of the Shamrock-Hilton Hotel. The exhibit space is the largest ever made available to the Society. Educational and other groups are invited to plan scientific exhibits. Interested persons may contact Dr. W. A. Nolte, University of Texas, Dental Branch, Houston 25, Texas.

Our National Program Committee Chairman,

Dr. Orville Wyss, wishes to call attention to the provisions made by the Council Policy Committee for persons submitting papers for the 1956 meeting. Members so desiring may have their papers classified under Public Health Bacteriology or Analytical Microbiology, the two new proposed divisions which are now on an informal and experimental basis. As an innovation this year members submitting papers will find a space on the abstract blanks for including their choice of the Division in which the paper would be presented.

The Texas Branch Committee is working hard to make this an outstanding meeting. The persons in charge of the various activities are listed below:

Chairman	O. B. Williams
Executive Vice-Chairman	Robert P. Williams
Vice Chairmen	K. L. Burdon Morris Pollard V. T. Schuhardt S. Edward Sulkin
Treasurer	R. M. Pike
Assistant Treasurer	E. S. Wynne
Room Reservations	C. D. Dukes
Registration	J. V. Irons and W. L. Flannery
Session Rooms	Morris Pollard
Exhibits	W. A. Nolte
Reception	K. L. Burdon
Banquet	S. W. Bohls and K. L. Burdon
Smoker	V. T. Schuhardt
Publicity	Mrs. E. B. M. Cook
Information	Mrs. F. C. Whitcomb
Special Meals	C. E. Lankford
Round Tables	Paul Donaldson
Graduate Students	S. Edward Sulkin
Transportation	E. O. Bennett
Tours	R. B. Mitchell
History of Bacteriology in Texas	W. B. Sharp and O. B. Williams
National Program Committee Chairman	Orville Wyss

General correspondence concerning arrangements for the meeting other than those specifically mentioned above may be addressed to the Executive Vice-Chairman, Dr. Robert P. Williams, Baylor University College of Medicine, Houston 25, Texas. COME TO HOUSTON IN 1956!

CHARLES JAMES MARTIN, Kt., C.M.G.,

F.R.S., F.R.C.P., D.Sc.

9 January 1866-15 February 1955

Sir Charles Martin, who died on January 9th last at the age of 89, was one of the most distinguished of British scientists. He had great gifts of mind and memory, and he belonged to that good

age when extreme specialization had not begun. He was a physiologist but he had a wide knowledge also of bacteriology, biochemistry and pathology.

The first 12 years of his professional life, from 1891 to 1903, were spent in Australia where he laid the foundations of medical and scientific teaching and research. He became professor of physiology in the University of Melbourne. Australians never forgot what they owed to him, and called him back to help them with problems of wool production as soon as he had retired from the directorship of the Lister Institute in 1931 at the age of 65. Finally they honoured his memory by founding two Sir Charles Martin Research Fellowships for research in medical science, to be awarded to young Australians so that they might obtain experience overseas.

Martin left Australia in 1903 to become Director of the Lister Institute of Preventive Medicine in London. In the 28 years of his directorship, the Institute produced a great volume of brilliant work. Martin's name does not appear on much of it; he was always available to inspire and help, but he did not seem to care at all who had the credit. The problems tackled by or directly under him included the means by which bubonic plague spread in India, the mechanism of thermal adjustment in man and animals, and a great quantity of nutritional problems concerning the vitamins and the biological value of proteins.

For most of the First World War Martin served with the Australian Army Medical Corps in the Middle East. During the Second World War he was living in retirement in Cambridge, but received there as refugees into his own home the Division of Nutrition under Dame Harriette Chick, evacuated with all its animals from the Lister Institute in London.

Martin was a unique person, for with his great intellectual gifts was associated a character totally lacking in vanity or scientific self seeking. He had great skill with his hands, and that gift too was ever at the service of others in every department of life, even to the mending of shoes in an emergency.

E. M. M. HUME

ELECTIONS FOR 1956

The Tellers Committee for 1955, composed of Drs. Thomas B. Turner, Chairman, Carl Lamanna and Robert C. Milloneg, met in Baltimore the second week in December to count the ballots that had been received by the Business Office for the Secretary-Treasurer. The following officers were elected: President, Charles A. Stuart; Vice President, Perry W. Wilson; Secretary-Treasurer, John Hays Bailey; Councilors-at-Large, James W. Bartholomew and C. F. Niven.

The actual tally of the votes follows:

Total number of ballots counted: 2,124

President:

Charles A. Stuart

Yes, 2,034

No, 89

Ballots not voted, 1

Total, 2,124

Vice President:

Max Levine, 828

Perry W. Wilson, 1,296

Ballots not voted, none

Total, 2,124

Secretary-Treasurer

John Hays Bailey

Yes, 2,034

No, 84

Ballots not voted, 6

Total, 2,124

Councilor-at-Large:

James W. Bartholomew, 1,183

Irving Gordon, 731

C. F. Niven, Jr., 1,139

David T. Smith, 945

Ballots not voted, 125

Total, 2,124

The Council has elected K. B. Raper to the Council Policy Committee for the term expiring December 31, 1958.

EMPLOYMENT PREFERENCE

The Employment Bureau reports a spot check of the employment preferences of 191 applicants registered with the bureau. The 191 applicants consisted of 24 having a B.S., 42 a M.S., and 125 with a Ph.D. degree. Their choices of employment are tabulated below.

Type of Work	Choice		
	1st	2nd	3rd
Teaching.....	50	63	15
Research.....	113	52	13
Production.....	10	28	26
Plant Control.....	4	5	17
Biological Control.....	2	17	19
Sanitary Control.....	1	5	4
Laboratory Diagnosis....	2	9	12
Public Health.....	1	4	39
Administration.....	8	7	21
No choice.....	0	1	25

Research positions were the first choice of applicants at all levels of training, followed by teaching. Production and Administration jobs were more desired by those having a B.S. or M.S. degree than by Ph.Ds.

PSEUDOMONAS AERUGINOSA

Dr. Thomas H. Lord, Department of Bacteriology, Kansas State College, Manhattan, Kansas, is anxious to secure cultures of *Pseudomonas aeruginosa* which are definitely known to have been isolated from foods, dairy products or water. He would appreciate it if anyone having such cultures would send them to him with a brief history of the source of the culture.

NEWS LETTER DEADLINES

The manufacturing schedule for the next four issues of the News Letter has been established. Material to appear in a given issue must be in the office of the Secretary-Treasurer by the following dates: for the April issue, February 24; August issue, June 25; November issue, October 1; January 1957 issue, November 12, 1956.

NEWS OF OUR MEMBERS

Dr. Bernard A. Friedman, senior plant pathologist, Biological Sciences Branch, Agricultural Marketing Service, U. S. Department of Agriculture, has been appointed head of the U. S. Market Pathology Laboratory in New York City.

The "most outstanding" graduate of 1955 in the Department of Bacteriology, University of Maryland, as chosen by the Bacteriology Honor Society, was Thomas M. Cook, Washington, D. C. Mr. Cook, now a graduate assistant in the Bacteriology Department at Maryland, is working towards his doctorate degree.

O. N. R. GRANTS

During the past twelve months the Biological Sciences Division of the Office of Naval Research has awarded 144 research contracts to universities and non profit research institutions. Among the various fields of biology was: biochemistry, 27; physiology, 45; microbiology, 36; medicine and dentistry, 22; biology, 14. The contracts awarded in microbiology follow.

Studies on the Effects of Certain Arginine Analogs on the Multiplication of Typical Animal Viruses, Dr. K. S. Pilcher, Oregon State College, Corvallis, Ore.

Identification of Acid-Fast Organisms by Phage Typing, Dr. O. A. Plunkett, University of California at Los Angeles, Los Angeles, Cal.

Biophysical Investigations on Bacteriophages, Dr. M. A. Lauffer, University of Pittsburgh, Pittsburgh, Pa.

Chemical Fractionation of Viruses. Dr. T. C. Metcalf, University of Kansas, Lawrence, Kan.

The Biological Effects of High Dosage X-Radiation upon Protoplasm and Cells, Dr. R. Wichterman, Temple University, Philadelphia, Pa.

Spore Formation and Germination in Bacteria,

Dr. J. W. Foster, University of Texas, Austin, Texas

Physiological Activities of Marine Microorganisms, Dr. C. E. ZoBell, Scripps Institute of Oceanography, University of California, La Jolla, California

The Role of the Steroid in the Metabolism of Microorganisms, Dr. W. J. van Wagtendonk, Indiana University, Bloomington, Indiana

Action of Chemotherapeutic Agents, Dr. S. Spiegelman, University of Illinois, Urbana, Illinois

Production of and Chemical Characterization of Slime Layers of Microorganisms, Dr. F. E. Halleck, Loyola University, Chicago, Illinois

Certain Disease Agents and Their Insect Vectors, Dr. W. H. Price, The Johns Hopkins University, Baltimore, Maryland

A Study of Variation in Viruses, Dr. B. A. Briody, Hahnemann Medical College, Philadelphia, Pennsylvania

The Role of Putrescine in Microbial Metabolism, Dr. E. J. Herbst, University of Maryland Medical School, Baltimore, Maryland

Studies of Pleuropneumonia-like Organisms, Dr. H. E. Morton, University of Pennsylvania, Philadelphia, Pennsylvania

The Role of Complement in the Body, Dr. A. P. McKee and Dr. W. S. Jeter, State University of Iowa, Iowa City, Iowa

Factors Affecting Preservation of Puccinia Spores, Dr. F. G. Smith, Iowa State College of Agriculture and Mechanical Arts, Ames, Iowa

Laboratory Diagnosis, Treatment and Resistance in Systemic Mycotic Infection, Dr. S. Marcus, University of Utah, Salt Lake City, Utah

Possible Inhibitors of Virus Multiplication and Their Significance in the Virus-Host Relationship, Dr. P. K. Smith, George Washington University, Washington, D. C.

Studies of Yeast Infections Following Antibiotic Therapy, Dr. W. R. Straughn, University of North Carolina, Chapel Hill, North Carolina

Stimulatory Effect of Metabolites on Bacteria, Dr. M. L. Speck, University of North Carolina, Raleigh, North Carolina

Production of Tetanus Toxoid, Dr. M. D. Eaton, Harvard University School of Medicine, Boston, Massachusetts

The Relationship of a Bacterial Toxin to the Pathogenesis of Rheumatic Fever, Dr. S. P. Halbert, Columbia University, New York, New York

Propagation of Animal Viruses in Marine Embryonic Cells, Dr. M. Sanders, University of Miami, South Miami, Florida

The Metabolism of Purines, Dr. E. Steers, University of Maryland, School of Medicine, Baltimore, Maryland

Experimental Enteric Infections of Laboratory Animals, Dr. R. Freter, Loyola University School of Medicine, Chicago, Illinois

Microbial Oxidation of Hydrocarbon Gases, Dr. R. J. Strawinski, Louisiana State University, Baton Rouge, Louisiana

Trace Elements and Bacterial Virulence, Dr. S. S. Elberg, University of California, Berkeley, California

Study of Viral and Rickettsial Diseases in Egypt and the Middle East, Dr. R. M. Taylor, University of Chicago, Chicago, Illinois

Study of Parasitic Mites, Dr. G. W. Wharton, University of Maryland, College Park, Maryland
Host-Parasite Relationships, Dr. R. W. Macy, Portland State College, Portland, Oregon

Germ Free Animal Studies, Dr. J. A. Reyniers, University of Notre Dame, Notre Dame, Indiana
Deterioration by Salt Water Fungi, Dr. E. S. Reynolds, University of Miami, Coral Gables, Florida

The Effect of Antibiotics on Shigella Organisms, Dr. H. M. Gezon, University of Pittsburgh, Pittsburgh, Pennsylvania

The Effect of Rapid Heat Treatment on the Antigenic Structures of Bacteria, Dr. W. Litsky, University of Massachusetts, Amherst, Massachusetts

Variation in Certain Bacterial Viruses, Dr. A. P. Kreuger, University of California, Berkeley, California

Etiology of Non-specific Urethritis, Dr. G. P. Manire, University of North Carolina, Chapel Hill, North Carolina

NEW BOOKS

Annual Review of Microbiology, Volume 9. C. E. Clifton, S. Raffel and R. Y. Stanier, Ed. Stanford, California: Annual Reviews, Inc.; 1955 IX + 426 pp. \$7.00.

Contents: Taxonomy, R. E. Buchanan; Morphology of Viruses, F. B. Bang; Genetics of Microorganisms, M. R. Zelle; Growth of Bacteria, A. Novick; Nutrition of Microorganisms, E. L. R. Stokstad, H. P. Broquist, and N. H. Sloane; Metabolism of Microorganisms, E. A. Delwiche; Antibiotics, H. Eagle and A. K. Saz; The Nature of the Psittacosis-Lympho-granuloma Group of Microorganisms, E. Weiss; Plague, G. Girard; The Cocksackie Viruses, G. Dalldorf; Fungus Infection of Plants, C. J. Eide; Neisseria and Neisserial Infections, H. W. Scherp; Effect of Ionizing Radiation on Resistance and Infection, D. W. Talmage;

Immunization, G. Edsall; The Structure of Antigen-Antibody Aggregates and Complement Fixation, J. Marrack; The Resistance of Bacterial Spores with Reference to Spore Germination and Its Inhibition, C. F. Schmidt.

Annual Review of Biochemistry, Volume 24. J. Murray Luck, Hubert S. Loring, and Gordon Mackinney, Ed.; Stanford, California: Annual Reviews, Inc.; 1955, IX + 805 pp. \$7.00.

Volume 24 of the Annual Review of Biochemistry follows the pattern of its predecessors; the adjunct to the preface that appeared caprice-like in volume 23 has been continued and contains wise advice to the scientific writer. The following is a complete listing of reviews and reviewers:

Biological Oxidations, D. E. Green and H. Beinert; Nonoxidative, Nonproteolytic Enzymes, B. Axelrod; Proteolytic Enzymes, G. W. Schwert; Chemistry of the Carbohydrates, J. K. N. Jones; Chemistry of the Phosphatides, E. Baer; Metabolism of the Complex Lipides, D. B. Zilversmit; Chemistry of Proteins, Peptides, and Amino Acids, A. G. Ogston; Carbohydrate Metabolism, B. L. Horecker and A. H. Mehler; Metabolism of Amino Acids and Proteins, G. Ehrensvar; Nucleic Acids, D. M. Brown and A. R. Todd; Water-Soluble Vitamins, Part I, G. M. Briggs and F. S. Daff; Water-Soluble Vitamins, Part II, R. Fried and H. Lardy; Water-Soluble Vitamins, Part III, B. C. Johnson; Fat-Soluble Vitamins, P. D. Boyer; Carotenoids, T. W. Goodwin; Nutrition, J. F. Brock; Biochemistry of the Steroid Hormones, S. Roberts and C. M. Szego; Biochemistry of Antibiotics, S. B. Binkley; Clinical Applications of Biochemistry, O. Bodansky; Lipide Metabolism, F. Lynen; The Biochemistry of Cancer, A. Haddow.

Almost every review contains something of interest to the bacteriologist and, depending upon one's particular inclination, some might be very useful indeed. For example, the reviews on Biological Oxidations, Carbohydrate Metabolism, Water-Soluble Vitamins, and Lipide Metabolism should be of interest to every bacterial physiologist. The review on Nutrition by Brock should be of interest to many because he confines himself to human nutrition and hardly mentions bacteria or intestinal flora.

S. G. KNIGHT

NEWS AND MEETINGS OF LOCAL BRANCHES

Southern California Branch (H. E. Weimer, Secretary-Treasurer)

October 1, 1955. The Branch met on the new Riverside campus of the University of California. A tour of the Departments of Bacteriology, Plant

Pathology, the Nematology greenhouses and the orange tree solution cultures followed the scientific session, at which the following papers were presented:

1. Oxidation of Glucose and Acetate by *Sac-*

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Saccharomyces cerevisiae. Norman Eaton, University of California, Riverside.

2. Serum Glycoprotein Concentrations in Rats Infected with the Cestode, *Hymenolepis diminuta*.

H. E. Weimer, Marietta Voge, F. A. Quinn and Jean Redlich-Moshin, U.C.L.A. Medical Center, Los Angeles.

3. Nematode Capturing Fungi (slides and film) and Swarming of Water Molds that Parasitize Citrus. T. A. DeWolfe and L. J. Klotz, University of California, Riverside.

4. Effect of Chemical Structure on the Bactericidal, Fungicidal and Nematocidal Properties of Organic Compounds in Soil. W. Moje, J. P. Martin and R. C. Baines, University of California, Riverside.

5. The Effect of Incubation Temperature on *in vitro* Explants of Monkey Kidney and Testicular Tissues. P. H. Byatt and A. F. Rassmusen, U.C.L.A. Medical Center, Los Angeles.

Connecticut Valley Branch (Katherine Marden, Secretary-Treasurer)

November 4, 1955. The Fall meeting of the Leo F. Rettger Connecticut Valley Branch was held at Alumnae House, Smith College. The following officers were elected for the year 1956: President, Mrs. D. Evelyn Hibbard, State Department of Health, Hartford; Vice President, Dr. Leanor D. Haley, Yale School of Medicine; Secretary-Treasurer, Miss Katherine Marsden, Hartford Health Department, Hartford.

Dr. F. L. Black of Yale School of Medicine gave the guest lecture on "The Poliomyelitis Vaccine: Problems Connected with Its Production, and Some of the Results Obtained from Its Use." The following papers preceded Dr. Black's lecture:

1. The Role of Vitamin K in the Reduction of Nitrate by *Escherichia coli*. Stanley D. Wainwright, Yale University.

2. The Effect of Several Gases on the Growth of *Vibrio feus*. E. M. Higgins, University of Connecticut.

3. Antigenic Variation in the Pneumococcus. Stanley E. Mills, Yale University.

Illinois Branch (C. J. Rickher, Secretary)

November 11, 1955. The Fall meeting of the Society of Illinois Bacteriologists was held in the Research Building of Abbott Laboratories, North Chicago, Ill. Following a dinner at Nick's Dining Room, Dr. Parker R. Beamer, Professor of Pathology, University of Indiana Medical School, spoke on "Altered Reactions in Infectious Granulomas". This address was presented in Memorial Auditorium, Abbott Laboratories.

The afternoon was devoted to the scientific session at which the following papers were presented:

1. Electron Microscopy of Normal and Phage-Infected *Xanthomonas pruni* Cells. Donald Hickman, A. E. Vatter, and H. H. Thornberry, University of Illinois.

2. The Fermentation of Hexoses, Pentoses and a Heptulose Specifically labeled with C¹⁴ by *Aerobacter aerogenes*. F. J. Simpson, A. C. Neish, H. A. Altermatt and A. C. Blackwood, Prairie Regional Laboratory, National Research Council, Saskatoon, Saskatchewan, Canada.

3. Formation and Germination of Microcysts in Marine Spirilla. Marion A. Williams, Southern Illinois University, Carbondale.

4. The Hexosemonophosphate Pathway of *Streptococcus faecalis*. J. T. Sokatch, Augustin P. Priete and I. C. Gunsalus, University of Illinois, Urbana.

5. Effect of Ascorbic Acid and Other Reducing Agents on Cysteine Requirements of Lactobacilli. S. A. Koser, and Joan L. Thomas, University of Chicago.

6. A Cyclic Pathway for the Bacterial Dissimilation of 2,3-Butanediol, Acetylmethylcarbinol and Diacetyl. E. Juni, University of Illinois, Urbana.

7. Carbon Dioxide Dependency of Bacteria. Daniel L. Jones, Hektoen Institute of Cook County Hospital, Chicago.

8. Production of *Trans*-L-Epoxysuccinic Acid by a Mold and Its Enzymatic Conversion to *Meso*-Tartaric Acid. W. R. Martin and J. W. Foster, University of Texas, Austin, Texas.

9. Comparative Studies on the *in vitro* Stability and Inhibitory Action of Isonicotinic Acid Hydrazine and Its Glucoronolactone Derivative. Adeline R. Hess and Charlotte Colwell, Veterans Administration Hospital, Hines, Ill.

Indiana Branch (Merwin Moskowitz, Secretary-Treasurer)

October 14, 1955. The Branch met with the Indiana Academy of Science at Notre Dame University. The morning scientific session consisted of the following papers:

1. Stimulation by Molybdenum of Bacteria Grown in the Presence of Various Sources of Nitrogen. E. A. Cook, Indiana University.

2. A Microbiological Assay Method for Determining Submicrogram Quantities of Mn⁺⁺. Irwin L. Dickstein, Indiana University.

3. Factors Affecting the In Vitro Propagation of Rabies Virus. R. J. Hosley, Eli Lilly & Co., Indianapolis.

4. A Semi-Synthetic Medium for the Cultivation of Poliomyelitis Virus. T. W. O'Neil, Eli Lilly & Co., Indianapolis.

The afternoon program consisted of a tour of Lobund Institute and the following papers by the staff of the Institute:

1. The Lobund Research Program. J. A. Reyniers, Director.

OFFICERS OF THE LOCAL BRANCHES

The officers of the Local Branches, as shown on the records of the Secretary-Treasurer, are listed below. This list has been compiled from questionnaires sent to all the Branches October 1, 1955 and from reports of business meetings at which elections were held. The asterisk following the name of the Branch indicates the officers of that Branch are for the year 1956.

Branch	President	Vice President	Secretary-Treasurer	Treasurer	Councilor
Allegheny	J. Frank Cone Penn. State College State College, Pa.	William W. Leathen Mellon Inst. of Ind. Res. Pittsburgh, Pa.	Gladys Sather U. of Pittsburgh Pittsburgh, Pa.		H. A. Wilson W. Virginia Univ. Morgantown, W. Va.
Northern California and Hawaii*	H. Albert Barker U. of California Berkeley, Cal.	James C. Lewis Western Utilization Lab. Albany, Cal.	Herman J. Phaff Davis, Cal.		Mortimer P. Starr U. of California Davis, Cal.
Southern California*	H. M. Kurtz U. of Southern California Los Angeles, Cal.	M. D. Appleton U. of Southern California Los Angeles, Cal.	Henry E. Weiner U. of California Medical Center Los Angeles, Cal.		M. J. Pickett U. of Southern California Los Angeles, Cal.
Colorado-New Mexico-Wyoming*	Charles R. Bitter U. of Colorado Boulder, Colo.	Darwin Alonzo U. of Colorado Med. School Denver, Colo.	Margaret P. Stimel Colorado A. and M. Col. Ft. Collins, Colo.	L. R. Maki U. of Wyoming Laramie, Wyo.	S. G. Dunlop U. of Colorado Med. School Denver, Colo.
Connecticut Valley*	Mrs. D. Evelyn Hibbard State Dept. of Health Hartford, Conn.	Leonor D. Haley Yale University School of Med. New Haven, Conn.	Katherine Marsden Hartford Health Dept. Hartford, Conn.		Ethel T. Eltinge Mt. Holyoke College South Hadley, Mass.
Southern Florida	Alexander Kimler 2350 S.W. 21st Ter. Miami 45, Fla.	Murray Streifeld 2880 S.W. 37th Court Miami, Fla.	E. Jane Maiden Miami, Fla.		Murray Streifeld 2880 S.W. 37th Court Miami, Fla.
Illinois*	I. C. Gonsalus U. of Illinois Urbana, Ill.	J. B. Evans American Meat Inst. 939 E. 57th St. Chicago, Ill.	C. J. Rikther Abbott Laboratories North Chicago, Ill.	N. M. Szukala Armour Auxiliaries 1355 W. 31st St. Chicago, Ill.	J. C. McCaffrey 1800 W. Filmore St. Chicago, Ill.
Indiana*	James M. McGuire Eli Lilly and Co. Indianapolis, Ind.	Sherman A. Minton Indiana U. Med. School Indianapolis, Ind.	Mervin Moskowitz Purdue University Lafayette, Ind.		Robert Sheehan Univ. of Notre Dame South Bend, Ind.
Intermountain	J. V. Beck Brigham Young Univ. Provo, Utah	L. W. Jones 744 N. 5th E. Logan, Utah	Don H. Larsen Brigham Young Univ. Provo, Utah		Stanley Marcus U. of Utah Salt Lake City, Utah
Kentucky-Tennessee	Charles C. Randall Vanderbilt Univ. Nashville, Tenn.	Daniel Billen Oak Ridge Nat. Labs. Oak Ridge, Tenn.	Ilda McVeigh Vanderbilt Univ. Nashville, Tenn.		D. Frank Holman U. of Tennessee Knoxville, Tenn.
Maryland	R. J. Algeier 111 Forest Drive Catoonsville, Md.		C. Baxter McLaughlin Hyson Wescott and Dunning Baltimore, Md.		Harriette D. Vera 401 Brook Drive Towson, Md.

Nashville, Tenn.

Nashville, Tenn.

Oak Ridge, Tenn.

Rosaville, Tenn.

Maryland

R. J. Alger
111 Forest Drive
Catonville, Md.

C. Baxter McLaughlin
Hynson Wescott and Dunning
Baltimore, Md.

Harriette D. Vera
401 Brook Drive
Frederick, Md.

Michigan*

Donald Marchant
Univ. of Michigan
Ann Arbor, Mich.

Fred Righta
Wayne U. Sch. of Med.
Detroit, Mich.

Elizabeth J. Cope
Detroit Dept. of Health Labs.
Herman Keifer Hospital
Detroit, Mich.

Raymond Sarber
Parke Davis and Co.
Detroit, Mich.

Eastern Missouri*

H. A. Hoffman
Anheuser Busch, Inc.
St. Louis, Mo.

Lucille K. Schulze
St. Louis Health Dept.
St. Louis, Mo.

Alex Sonnenwirth
Jewish Hospital
St. Louis, Mo.

L. F. Laskowski
Route 2
Robertsville, Mo.

Missouri Valley*

T. M. McCalla
Col. of Agriculture
Lincoln, Neb.

Albert C. Saeger
U. of Kansas City
Kansas City, Mo.

John O. Harris
Kansas State College
Manhattan, Kan.

Charles A. Hunter
State Health Labs.
Topeka, Kan.

New Jersey*

Wayne W. Umbreit
Merck Inst. for Therapeutic Res.
Rahway, N. J.

Marjorie A. Darken
American Cyanamid Co.
30 Rockefeller Plaza
New York, N. Y.

Isabel Dimmick
Douglas College
New Brunswick, N. J.

Eugene R. L. Gaughran
Research Center
Johnson and Johnson
New Brunswick, N. J.

Central New York*

Herbert R. Morgan
Strong Memorial Hosp.
Rochester, N. Y.

Robert Guthrie
Rowell Park Memorial Inst.
Buffalo, N. Y.

Richard D. O'Neill
Syracuse University
Syracuse, N. Y.

Harry W. Seeley
Cornell University
Ithaca, N. Y.

Eastern New York*

Scott V. Covert
Albany Medical Col.
Albany, N. Y.

Mary W. Wheeler
Div. of Laboratories
N. Y. State Health Dept.
Albany, N. Y.

Sally M. Kelly
Div. of Labs.
State Dept. of Health
Albany, N. Y.

Sophie M. Cohen
Div. of Labs.
State Bd. of Health
Albany, N. Y.

New York City

John E. Blair
Hosp. for Joint Diseases
New York, N. Y.

C. P. Eisman
Ciba Pharmaceutical Prod.
Summit, N. Y.

E. M. Weber
Charles Pfizer and Co.
Brooklyn, N. Y.

Morris Rakieten
Box 47
Islip, L. I., N. Y.

North Carolina*

J. L. Etchells
Box 5578
Raleigh, N. C.

Eva Campbell
Guilford College
Guilford, N. C.

Wm. J. Cromartie
Univ. of No. Carolina School of
Medicine
Chapel Hill, N. C.

North Central*

A. P. McKee
State Univ. of Iowa
Iowa City, Ia.

C. D. Cox
Univ. of So. Dakota
Vermillion, S. Dak.

Marion Jones
State Univ. of Iowa
Iowa City, Ia.

A. P. McKee
State Univ. of Iowa
Iowa City, Ia.

Northeast*

L. W. Slanetz
University of N. H.
Durham, N. H.

Alice T. Marston
Boston Univ. School of Medicine
Boston, Mass.

John H. Hanks
Harvard Med. School
Boston, Mass.

Northwest*

Richard H. McBee
Montana State College
Bozeman, Mont.

Elizabeth R. Hall
Washington State College
Pullman, Wash.

Louis D. S. Smith
Agri. Exper. Station
Bozeman, Mont.

<i>Branch</i>	<i>President</i>	<i>Vice President</i>	<i>Secretary-Treasurer</i>	<i>Treasurer</i>	<i>Councilor</i>
Ohio*	Duane T. Maunder Miami University Oxford, O.	G. D. Novelli Western Reserve Univ. Cleveland, O.	F. J. Murray Cincinnati, O.		Isaac Ruchman Wm. S. Merrill Co. Cincinnati, O.
Eastern Pennsylvania	Ruth E. Miller Women's Med. College Philadelphia, Pa.	None	Theodore G. Anderson Temple University School of Medicine Philadelphia, Pa.		N. B. Williams School of Dentistry Univ. of Pennsylvania Philadelphia, Pa.
Rio de Janeiro	Milton T. Mello Instituto Oswaldo Cruz Rio de Janeiro, Brazil	A. R. Furtado Instituto Oswaldo Cruz Rio de Janeiro, Brazil	A. Cury Instituto Oswaldo Cruz Rio de Janeiro, Brazil		A. E. de Ara Leao Instituto Oswaldo Cruz Rio de Janeiro, Brazil
South Central	Cornelia Eddy Tulane Univ. New Orleans, La.	William A. Pierce Tulane Univ. New Orleans, La.	Ruth Mayne 3918 Canal St. New Orleans, La.		Arthur Colmer Louisiana State Univ. Baton Rouge, La.
Southeastern*	Margaret Green Univ. of Alabama University, Ala.	Mary Noka Hood Florida State Univ. Tallahassee, Fla.	Thomas Hosty Alabama State Board of Health Montgomery, Ala.		Mildred B. Jefferies Florida State Board of Health Jacksonville, Fla.
Texas*	Robert P. Williams Baylor University College of Medicine Houston, Tex.	Paul Donaldson Southwestern Med. College Dallas, Tex.	W. L. Flannery Baylor Univ. School of Medicine Houston, Tex.		V. T. Schuhardt Univ. of Texas Austin, Tex.
Virginia*	A. Rosenzweig Veterans Administration Hospital Richmond, Va.	W. H. Volk School of Medicine U. of Virginia Charlottesville, Va.	Barbara H. Caminita Arlington, Va.		A. E. Feller School of Medicine U. of Virginia Charlottesville, Va.
Washington*	Michael J. Pelczar U. of Maryland College Park, Md.	H. R. Gilmore, Jr. Walter Reed Army Medical Center Washington, D. C.	Howard Reynolds Agricultural Research Center Beltsville, Md.		Margaret Pittman National Institutes of Health Bethesda, Md.

2. Control of Contamination. P. C. Trexler, Assistant Director.

3. Serologic Observations in Germfree Animals. M. Wagner, Bacteriologist.

4. Morphological Characterization of Germfree Life. H. A. Gordon, Physiologist.

Michigan Branch (Elizabeth J. Cope,
Secretary-Treasurer)

October 31, 1955. The Michigan Branch met at the University of Michigan. Following an informal dinner at the Michigan League, Dr. A. D. Hershey of the Carnegie Institution, Cold Spring Harbor, Long Island, N. Y. spoke at the Rackham Auditorium. His subject was "Intracellular Growth of Bacteriophage."

New Jersey Branch (Theobald Smith Society)
October 20, 1955. The New Jersey Branch met at the Institute of Microbiology, Rutgers University, New Brunswick, N. J. Dr. Werner Braun, Institute of Microbiology, Rutgers University, spoke on "What Causes Bacterial Populations to Change."

Missouri Valley Branch (John C. Harris,
Secretary-Treasurer)

April 15-16, 1955. The two-day meeting of the Branch was held at the University of Nebraska, Lincoln, Neb., the session of April 15th at the College of Agriculture campus, the next day's sessions at the Auditorium of Beesey Hall, City campus. Following the last scientific session the business meeting was held, at which the following officers were elected: President, Frank Victor, Kansas State Board of Health, Topeka; Vice President, T. M. McCalla, University of Nebraska, Lincoln; Secretary-Treasurer, John C. Harris, Kansas State College, Manhattan; Councilor to S.A.B., C. A. Hunter, Kansas State Board of Health, Topeka.

The annual banquet was held at the Lone Oak Restaurant, Emerald, Neb. The guest speaker at the banquet was Dr. Noble P. Sherwood, Professor Emeritus of Bacteriology, University of Kansas. The title of his talk was "Impressions of Europe, Summer 1954."

The scientific sessions consisted of the following papers:

1. Conglutination Complement Adsorption Test in Diagnosis of Bovine Brucellosis. Warren E. Engelhard, University of Nebraska, Lincoln.

2. Evidence for an Extraintestinal Role in Antibiotic Enhancement of Rat Growth. E. C. Dick, University of Kansas, and K. R. Johansson, University of Minnesota, Minneapolis.

3. The Effect of Freezing Ground Pork and Subsequent Storing above 32°F. Upon the Bacterial Flora. W. A. Miller, Kansas State College, Manhattan.

4. Some Nutritional Studies on *Rickettsia akari*.

W. F. Myers, D. Paretsky, T. G. Metcalf, and C. M. Downs, University of Kansas, Lawrence.

5. Quantitative Assay of the Virus of Newcastle Disease by the Plaque Technique. Raymond K. Bower, University of Kansas Medical Center, Kansas City.

6. The Formation and Cytology of the Large Cells of *Micrococcus pyogenes* var. *aureus*. J. B. Clark, University of Oklahoma, Norman.

7. The Effect of Pyrexin, Necrosin, and L.P.F. Produced in Animals by Streptococci Upon the Succinic Oxidase System. Kieth Bowman and N. P. Sherwood, University of Kansas, Lawrence.

8. The Anaerobic Degradation of Glucose by *Escherichia coli*. M. N. Mickelson, Midwest Research Institute, Kansas City, Missouri.

9. Radiobiological Studies on the Large Cells of *Micrococcus pyogenes* var. *aureus*. R. B. Webb, University of Oklahoma, Norman.

10. Suspected Host Induced Modifications of *Xanthomonas pruni* bacteriophage. A. Eisenstark and L. B. Bernstein, Kansas State College, Manhattan.

11. Two Antibiotics Active Against Yeast-like and Filamentous Fungi. Reid Flippin and Albert Saeger, University of Kansas City, Kansas City, Missouri.

12. The Influence of Clay Turbidities of Different Particle Sizes on the Ultraviolet Sterilization of Water. Paul Degurse, Oklahoma Agricultural and Mechanical College, Stillwater.

13. Microscopic and Macroscopic Flocculation Tests for Brucellosis. Charles A. Hunter and Bernice Christesen, Kansas State Board of Health Laboratories, Topeka.

14. Demonstration of the Flocculation Tests for Brucellosis. Charles A. Hunter and Bernice Christesen, Kansas State Board of Health Laboratories, Topeka.

15. Metabolism of Energy-rich Compounds by *Rickettsia akari*. D. Paretsky, T. G. Metcalf, C. M. Downs, and R. Consigli.

16. Isolation of Poliomyelitis Viruses by Using Strain HeLa Cells. Y. W. Wong and Charles A. Hunter, Kansas State Board of Health Laboratories, Topeka.

17. A Comparison of the Crystal Violet and Hydrogen Chloride Methods in Staining Nuclear Material in Some of the Blue Green Algae. H. L. Chance, University of Oklahoma, Norman.

18. The Application of Immunochemical Principles to Problems Encountered in the Purification of *Rickettsia*. Richard E. Bowen, T. G. Metcalf, C. M. Downs and D. Paretsky. University of Kansas, Lawrence.

19. Studies on Reversal of the Disinfecting Action of Mercuric Chloride upon *Escherichia coli*. Wayne J. Brabander and John O. Harris, Kansas State College, Manhattan.

20. Studies on Transamidation Reactions Using

Cell-free Bacterial Systems. J. M. Akagi and D. Paretsky, University of Kansas, Lawrence.

21. Immunization with "Incomplete" Newcastle Disease Virus. M. K. Nadel and A. Eisenstark, Kansas State College, Manhattan.

22. The Inhibition of *C. diphtheriae* by Certain Organisms Found in Saliva. Aida Guardiola and E. Lee Treece. University of Kansas, Lawrence.

23. The Mutagenic Effect of Acridine on *Xanthomonas pruni* Bacteriophage Xp-4. L. B. Bernstein and A. Eisenstark. Kansas State College, Manhattan.

24. The Endogenous Metabolism of *Micrococcus pyogenes*. H. H. Ramsey, University of Oklahoma School of Medicine, Oklahoma City.

Central New York Branch (Erwin Neter,
Secretary-Treasurer)

October 29, 1955. The 69th semi-annual meeting of the Branch was held at Jordan Hall of the New York State Agricultural Experiment Station, Geneva. The following officers were elected at the business meeting to serve for 1956: President, Herbert R. Morgan, Strong Memorial Hospital, Rochester; Vice President, Robert Guthrie, Rowell Park Memorial Institute, Buffalo; Secretary-Treasurer, Dr. Richard D. O'Neill, Syracuse University, Syracuse, N. Y.; Councilor to the S.A.B., Harry W. Seeley, Cornell University, Ithaca, N. Y. The scientific session consisted of the following papers:

1. Some Effects of Temperature on Soil Nitrification. B. J. Stojanovic, F. E. Broadbent, and M. Alexander, Cornell University.

2. Growth of Truffle Fungi in Submerged Culture. M. W. Jennison, Syracuse University.

3. Vitamin Content of the Mycelium of Wood-Rotting Fungi. C. Richberg, Syracuse University.

4. *Invited Lecture:* Effects of Radiation on Microorganisms. M. R. Zelle, Cornell University.

5. Comparative Cytotoxic Effects of Various Proteins of the Tubercle Bacillus *in Vitro*. J. D. Shea, University of Rochester.

6. Yeast Content in Grape Juice During Cold Storage. C. S. Pederson, New York State Agricultural Experiment Station, Geneva.

7. Effect of Heat on *Escherichia coli* O and B Antibodies. E. A. Gorzynski and E. Neter, Children's Hospital, Buffalo.

8. The Polyvalent Enterobacterial Hemagglutination Test. E. Neter, Children's Hospital, Buffalo.

Ohio Branch (F. J. Murray, Secretary-Treasurer)

October 22, 1955. The Fall meeting of the Branch was held at Ohio State University, Columbus. The following officers were elected for the year 1956: President, D. T. Maunder; Vice President, G. D. Novelli; Secretary-Treasurer, F. J. Murray; Councilor, Isaac Ruchman.

The scientific sessions consisted of the following papers:

1. Amino Acid Utilization by Variants of *Pseudomonas aeruginosa*. C. K. Williamson, Department of Bacteriology, Miami University, Oxford.

2. Experimental Studies on Traumatic Uveitis. Ted Suie, Frank W. Taylor and Melvin S. Rheins, Departments of Ophthalmology and Bacteriology, Ohio State University, Columbus.

3. Factors Influencing *In Vitro* Synthesis of Diphtheria Antitoxin. Benjamin Wolf and Abram B. Stavitsky, Department of Microbiology, Western Reserve University, Cleveland.

4. A Pleuropneumonia-like Organism Isolated from Sheep. L. C. Ferguson and V. L. Sanger, Department of Veterinary Science, Ohio Agricultural Experiment Station, Wooster.

5. A Report on Public Health Problems Encountered in the Naugatuck Valley Flood Disaster. Robert Angelotti and Milton J. Foter, Robert A. Taft Sanitary Engineering Center, Cincinnati.

6. Cysticidal Efficiency of Titrable Iodine. Shih L. Chang, Robert A. Taft Sanitary Engineering Center, Cincinnati.

7. The Involvement of Formate in the Accumulation of Triose by Extracts of *Escherichia coli*. Rusty J. Mans and G. David Novelli, Department of Microbiology, Western Reserve University, Cleveland.

8. Reversibility of the Succinate-Fumarate Reaction in *Escherichia coli*. Eugene W. Nester and H. Earle Swim, Department of Microbiology, Western Reserve University, Cleveland.

9. Bat Rabies in Ohio. Richard Tjalma, Veterinary Unit, Communicable Diseases Division, Ohio Department of Health, Columbus.

10. Vitamin Requirements of Certain Sewage Fungi. Wm. Bridge Cook, Robert A. Taft Sanitary Engineering Center, Cincinnati.

11. Hemagglutination With Red Cells Sensitized with Antigens of Enteropathogenic *E. coli*. Charles D. Graber and Matt C. Dodd, Department of Bacteriology, Ohio State University, Columbus.

South Central Branch (Ruth Mayne,
Secretary-Treasurer)

April 30, 1955. The Spring Meeting of the Branch was held at the Faculty Club, Louisiana State University, Baton Rouge, La. The scientific program, following a luncheon, consisted of the following papers:

1. A Study of the Serum Neutralization Test for Infectious Bronchitis of Chickens. Calvin A. Page, Department of Bacteriology, Southwestern Louisiana Institute.

2. Adaptation to Mice of the Virus of Infectious Rabbit Myxomatosis. Morton Madoff and Mar-

garet H. D. Smith, Department of Microbiology, School of Medicine, Tulane University.

3. Some Factors Affecting the Respiratory Response of *Azotobacter* to Herbicides and their Components. Mary E. Knettle and Arthur R. Colmer, Department of Bacteriology, Louisiana State University.

4. A Factor Essential for Utilization of Galactose by *Streptococcus pyogenes* in a Synthetic Medium. Cornelia Ann Eddy and Alan G. C. White, Departments of Microbiology and Biochemistry, School of Medicine, Tulane University.

5. Diarrheas of Bacterial Origin in North Louisiana. Victor Monsour, Confederate Memorial Medical Center.

6. The Isolation and Properties of a Non-pathogenic Strain of *Klebsiella pneumoniae* type B. Lionel Ehrenworth and Harold Baer, Department of Microbiology, School of Medicine, Tulane University.

7. Sanitary Aspects of Barataria Bay and Vicinity. Bobby Valentine and C. S. McCleskey, Department of Bacteriology, Louisiana State University.

Southeastern Branch (Wm. P. VanEseltine, Secretary-Treasurer)

March 18-19, 1955. The Annual Meeting of the Branch was held at Oglethorpe University. The banquet, held the evening of March 18th at the Navy Club of the Naval Air Station, was addressed by Dr. Elvio H. Sadun, U.S.P.H.S., Communicable Disease Center, Chamblee, who spoke on "Some Aspects of Public Health Parasitology in Thailand." The following officers were elected for 1956 at the business session held on March 19th: President, Dr. Margaret Green, University of Alabama, University, Ala.; Vice President, Dr. Mary Noka Hood, Florida State University, Tallahassee, Fla.; Secretary-Treasurer, Dr. Thomas Hosty, Alabama State Board of Health, Montgomery, Ala.; Counselor to the S.A.B., Miss Mildred B. Jefferies, Florida State Board of Health, Jacksonville, Fla.

The scientific session for the first day consisted of the following papers:

1. The Use of Certain Detergents in Facilitating Spore Staining Techniques. W. R. Carroll and James F. Beatty, Jr., University of Florida, Gainesville, Fla.

2. The Induction of Motility in *Bacillus anthracis* by Means of Bacteriophage Lysates: Significance for the Relationship of *Bacillus anthracis* to *Bacillus cereus*. Eric R. Brown, Wm. B. Cherry, Max D. Moody and Morris A. Gordon, U.S.P.H.S. Communicable Disease Center, Chamblee, Ga.

3. Specific Identification of *Bacillus anthracis* by Means of a Mutant Bacteriophage. Eric R.

Brown and William B. Cherry, U.S.P.H.S., Chamblee, Ga.

4. Horse-to-Horse Transmission of Eastern Equine Encephalitis Virus by Mosquitoes. W. D. Sudia, U.S.P.H.S., Montgomery, Ala.

5. Some Cultural and Serological Properties of Avian Pleuropneumonia-like Organisms. Albert L. Kleckner, University of Georgia, Athens, Ga.

6. An Evaluation of a Rapid Disc Plate Sensitivity Procedure. Florence Young, Reynolds Davis, and Nathan J. Schneider, Florida State Board of Health, Jacksonville, Fla.

7. Relative Efficiency of Media for the Isolation of Enteric Pathogens from Stool Cultures. Caroline R. Huey, Janie F. Morris, Alice Brim, and E. J. Sunkes, Georgia Department of Public Health, Atlanta, Ga.

8. Two Interesting Isolations in a Tuberculosis Hospital, (1) *Salmonella choleraesuis* from pulmonary cyst; (2) *Nocardia* sp. from sputum. Mrs. R. E. Lloyd, and C. Edwin Smith, Battey State Hospital, Rome, Ga.

9. *Brucella suis* Isolated from a Subcutaneous Lesion in a Bovine. Thomas F. Zweigart and Theodore Yerasimedes, University of Georgia, Athens, Ga.

10. On the Classification of the Micrococcus-Staphylococcus Group. William P. VanEseltine, University of Georgia, Athens, Ga.

11. Problems in Etiology and Control of Diarrheal Diseases in Latin America. Albert V. Hardy, Florida State Board of Health, Jacksonville, Fla.

12. The Clinical and Experimental Aspects of Mucormycosis. Heinz Bauer, Emory University, Emory University, Ga.

13. Use of Cycloheximide in Medical Mycology. Lucille K. Georg, U.S.P.H.S. Chamblee, Ga.

14. The Genetics of *Neurospora*, Robert A. McRorie, University of Georgia, Athens, Ga.

Virginia Branch (Miles G. Bowles, Secretary-Treasurer)

May 14, 1955. The spring meeting of the Branch was held at Madison College, Harrisonburg. The following slate of officers were elected to take office January 1, 1956: President, Mr. A. Rosenzweig, Veterans Administration Hospital, Richmond; Vice President, Dr. W. H. Volk, School of Medicine, University of Virginia, Charlottesville; Secretary-Treasurer, Mrs. Barbara H. Caminita, Arlington; Section Editor, Dr. P. Arne Hansen, University of Maryland, College Park; Councilor, Dr. A. E. Feller, School of Medicine, University of Virginia, Charlottesville; Alternate Councilor, Dr. H. J. Welshimer, Medical College of Virginia, Richmond.

In the afternoon, the following papers were presented at the scientific session:

1. Some Problems in the Simplification of *Endamoeba histolytica* Cultivation Medium. E. Clifford Nelson and Muriel M. Jones. Medical College of Virginia, Richmond.

2. Contamination in Bank Blood. A Rosenzweig. McGuire Veterans Hospital, Richmond.

3. Serological Studies of Lactobacilli. P. Arne Hansen and R. H. Miller, University of Maryland, College Park.

4. An Unusual, Small, Gram Positive Rod Isolated From Spinal Fluid. Herbert J. Welshimer, Medical College of Virginia, Richmond.

5. A Comparison of the Original Loewenstein Media with Jensen's Modification of Loewenstein in the Culture of *Mycobacterium tuberculosis*. William A. Dorsey and Jo Soles, Department of Public Health, Richmond.

6. Human Tissues in Tissue Culture. Alto E. Feller, University School of Medicine, Charlottesville.

7. A Study of Some Racial Differences with Respect to Tuberculosis. Margaret Sue Anderson, Madison College, Harrisonburg.

8. The Tuberculostatic Activity of Aqueous Extracts Prepared from Selected Mammalian Tissues. Quentin N. Myrvik, University School of Medicine, Charlottesville.

Washington Branch (Howard Reynolds, Secretary-Treasurer)

October 25, 1955. The 205th meeting of the Washington Branch was held in the auditorium of the new Armed Forces Institute of Pathology Building, 14th St. and Alaska Ave. N.W., Washington. A tour of the new building, ending with refreshments in the snack bar, followed the scientific program.

1. Welcome. Captain W. M. Silliphant, MC, USN, Director, Armed Forces Institute of Pathology.

2. A New Look for Pathology at the New Armed Forces Institute of Pathology. Dr. E. W. Goodpasture, Scientific Director, A.F.I.P.

3. The Histologic Demonstration of Fungi in Pulmonary Lesions Presumed to be Tuberculous. Dr. L. E. Zimmermann, A.F.I.P.

4. Early Work in Bacteriology at the Army Medical Museum, Dr. M. C. Leikind, A.F.I.P.

Northwest Branch (Elizabeth R. Hall, Secretary-Treasurer)

October 21, 22, 1955. The Northwest Branch held its 1955 meetings at the University of Oregon School of Medicine, Portland. The following officers were elected for the year 1956: President, Richard H. McBee, Montana State College, Bozeman, Mont.; Vice President, Stephen K. Pilcher, Oregon State College, Corvallis, Ore.; Secretary-Treasurer, Elizabeth R. Hall, Washington State College, Pullman, Wash.; Councilor, Louis D. S. Smith, Agriculture Experiment Station, Bozeman, Mont. The following papers were presented at the scientific sessions:

1. Ammonia and Nitrogen Transformations on Soil. L. Damsky, C. M. Gilmour, and W. B. Bollen, Oregon State College, Corvallis.

2. Comparison of Acid Production (Rickle's Test) with Lactobacillus Counts, Snyder Test, and Salivary Amylase of Respective Specimens of Saliva. Margery K. Gardner, Dental School of the University of Oregon, Portland.

3. The Effects of Various Environmental Conditions on *Leptospira pomona*. William Okazaki, Washington State College, Pullman.

4. A Human Epithelial Cell Derived from an Adenocarcinoma of the Lung: Isolation, Continuous Propagation and Effects of Viruses. A. W. Frisch, V. Jentoft, and R. Barger, University of Oregon Medical School, Portland.

5. A Study of Nutritional Factors Influencing Growth of *Streptomyces griseus* Phage. C. M. Gilmour and B. F. Folstric, Oregon State College, Corvallis.

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